WEST Search History

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DATE: Thursday, June 16, 2005

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L56	6492816	3
☐	L55	6081117	4
☐	L54	5886548	8
☐	L53	5990680	7
☐	L52	L51 and (ceramic or glass or filament or carbon or fiber or fibrous or non-conduct$4 or "non conduct$4" or modulus)	26
☐	L51	L50 and (viscoelastic or viscoelasti$4 or rubber$4 or polyester or urethane or foam or polymer)	33
☐	L50	L48 and ((dampen$4 or damp$3) or ((reduc$4 or block$4 or decreas$4 or lower$3 or minimiz$4) with (noise or sound or acoustic$4)))	104
☐	L49	L48 and ((magnetic adj resonance) or MRI or NMR)	239
☐	L48	((self with shield$3) and (gradient))	492
☐	L47	L46 and (gradient)	2
☐	L46	L45 and (self with shield$3)	2
☐	L45	5570021	22
☐	L44	(4646024| 4737716| 4978920| 5570021)![pn]	8
☐	L43	L40 and (viscoelastic or viscoelasti$4 or rubber$4 or polyester or urethane or foam or polymer)	5
☐	L42	L41 and ((dampen$4 or damp$3) or ((reduc$4 or block$4 or decreas$4 or lower$3 or minimiz$4) with (noise or sound or acoustic$4)))	14
☐	L41	L40 and (inner or outer or inside or outside or internal$2 or external$2 or surface or first or second or primary or secondary)	54
☐	L40	(self with shield$4 with gradient with (device or apparatus or assembly))	55
☐	L39	(self with shield$4 with gradient with assembly)	48
		DB=USPT; PLUR=YES; OP=ADJ	
☐	L38	6252404.pn.	1
☐	L37	6252404.pn.	1
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L36	fetzner and acoustic$4	18
☐	L35	L34 and (layer or film or insulat$4 or sandwich$4)	23
☐	L34	L33 and (cylinder or tube or cylindrical$2 or bore)	27
☐	L33	L32 and (ceramic or glass or filament or carbon or fiber or fibrous or non-	27

		conduct$4 or "non conduct$4" or modulus)	
☐	L32	L31 and (viscoelastic or viscoelasti$4 or rubber$4 or polyester or urethane or foam or polymer)	36
☐	L31	L30 and ((dampen$4 or damp$3) or ((reduc$4 or block$4 or decreas$4 or lower$3 or minimiz$4) with (noise or sound or acoustic$4)))	128
☐	L30	L16 and ((inner or outer or inside or outside or internal$2 or external$2 or surface or first or second or primary or secondary) with (gradient) with (assembl$4))	447
☐	L29	L28 and (outer with inner with gradient)	22
☐	L28	L27 and L22	60
☐	L27	L26 or L25 or L24	14729
☐	L26	(335/296 |335/297 |335/298 |335/299 |335/300 |335/301).ccls.	2795
☐	L25	(600/407 |600/408 |600/409 |600/410 |600/411 |600/412 |600/413 |600/414 |600/415 |600/416 |600/417 |600/418 |600/419 |600/420 |600/421 |600/422 |600/423).ccls.	5057
☐	L24	(324/300 |324/301 |324/302 |324/303 |324/304 |324/305 |324/306 |324/307 |324/308 |324/309 |324/310 |324/311 |324/312 |324/313 |324/314 |324/315 |324/316 |324/317 |324/318 |324/319 |324/320 |324/321 |324/322).ccls.	8344
☐	L23	L22 and (viscoelastic or viscoelasti$4)	22
☐	L22	L21 and (layer or film or insulat$4 or sandwich$4)	134
☐	L21	L20 and (cylinder or tube or cylindrical$2 or bore)	152
☐	L20	L19 and (ceramic or glass or filament or carbon or fiber or fibrous or non-conduct$4 or "non conduct$4" or modulus)	163
☐	L19	L18 and (viscoelastic or viscoelasti$4 or rubber$4 or polyester or urethane or foam or polymer)	216
☐	L18	L17 and ((dampen$4 or damp$3) or ((reduc$4 or block$4 or decreas$4 or lower$3 or minimiz$4) with (noise or sound or acoustic$4)))	817
☐	L17	L16 and (gradient with (coil or assembly or assemblies))	3109
☐	L16	L15 and ((inner or outer or inside or outside or internal$2 or external$2 or surface or first or second or primary or secondary) with (gradient))	6801
☐	L15	L14 and (inner or outer or inside or outside or internal$2 or external$2 or surface)	33585
☐	L14	L13 and (gradient)	44520
☐	L13	((magnetic adj resonance) or MRI or NMR)	205210
☐	L12	L10 and (gradient with coil)	8
☐	L11	L10 and (gradient adj coil)	7
☐	L10	L9 and (cylinder or tube or cylindrical$2 or bore)	58
☐	L9	L8 and (rubber or foam)	60
☐	L8	L7 and (ceramic or glass or filament or carbon or fiber or fibrous or non-conduct$4 or "non conduct$4" or modulus)	66
☐	L7	L6 and (inner or outer or inside or outside or internal$2 or external$2 or surface)	66
☐	L6	L5 and (layer or film or insulat$4 or sandwich$4)	68

☐	L5	L3 and ((dampen$4 or damp$3) or ((reduc$4 or block$4 or decreas$4 or lower$3 or minimiz$4) with (noise or sound or acoustic$4)))	70
☐	L4	L3 and (dampen$4 or ((reduc$4 or block$4 or decreas$4 or lower$3 or minimiz$4) with (noise or sound oe acoustic$4)))	35
☐	L3	L2 and (gradient)	339
☐	L2	L1 and ((magnetic adj resonance) or MRI or NMR)	1052
☐	L1	viscoelastic	18068

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20050040825 A1

L12: Entry 1 of 8 File: PGPB Feb 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050040825
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050040825 A1

TITLE: Acoustically damped gradient coil

PUBLICATION-DATE: February 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sellers, Michael Ben	Florence	SC	US	
Duby, Tomas	Florence	SC	US	
Clarke, Neil	Florence	SC	US	
Mantone, Anthony	Florence	SC	US	

US-CL-CURRENT: 324/318

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 2. Document ID: US 20040196041 A1

L12: Entry 2 of 8 File: PGPB Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040196041
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040196041 A1

TITLE: Magnetic resonance tomography device having a noise-suppressing function by damping mechanical vibrations

PUBLICATION-DATE: October 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Drobnitzky, Matthias	Spardorf		DE	

US-CL-CURRENT: 324/318; 324/322

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 3. Document ID: US 20030088172 A1

L12: Entry 3 of 8 File: PGPB May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030088172
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030088172 A1

TITLE: Magnetic resonance tomography apparatus with damping of mechanical vibrations by the use of material with electrostrictive properties

PUBLICATION-DATE: May 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kuth, Rainer	Herzogenaurach		DE	

US-CL-CURRENT: 600/407

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 4. Document ID: US 20030025582 A1

L12: Entry 4 of 8 File: PGPB Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030025582
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030025582 A1

TITLE: Magnetic resonance tomography apparatus having damping laminated sheets for reducing vibrations

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Arz, Winfried	Erlangen		DE	
Boemmel, Franz	Erlangen		DE	
Dietz, Peter	Nuernberg		DE	
Weber, Matthias	Fuerth		DE	

US-CL-CURRENT: 335/296

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 5. Document ID: US 6831461 B2

L12: Entry 5 of 8 File: USPT Dec 14, 2004

US-PAT-NO: 6831461
DOCUMENT-IDENTIFIER: US 6831461 B2

TITLE: Magnetic resonance tomography apparatus having damping laminated sheets for reducing vibrations

DATE-ISSUED: December 14, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Arz; Winfried	Erlangen			DE
Boemmel; Franz	Erlangen			DE
Dietz; Peter	Nuremberg			DE
Weber; Matthias	Fuerth			DE

US-CL-CURRENT: 324/318; 324/322

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D

☐ 6. Document ID: US 5764059 A

L12: Entry 6 of 8 File: USPT Jun 9, 1998

US-PAT-NO: 5764059
DOCUMENT-IDENTIFIER: US 5764059 A

TITLE: Acoustic screen

DATE-ISSUED: June 9, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mansfield; Peter	Bramcote			GB2
Bowtell; Richard William	Nottingham			GB2
Chapman; Barry Leonard Walter	Stapleford			GB2
Glover; Paul Martin	Chilwell			GB2

US-CL-CURRENT: 324/318; 324/319

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D

☐ 7. Document ID: US 5256969 A

L12: Entry 7 of 8 File: USPT Oct 26, 1993

US-PAT-NO: 5256969
DOCUMENT-IDENTIFIER: US 5256969 A

TITLE: Gradient magnetic field coil for magnetic resonance imaging system

DATE-ISSUED: October 26, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miyajima; Goh	Katsuta			JP
Igarashi; Yoshiki	Katsuta			JP

US-CL-CURRENT: 324/318; 324/300

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D

☐ 8. Document ID: US 4954781 A

L12: Entry 8 of 8 File: USPT Sep 4, 1990

US-PAT-NO: 4954781
DOCUMENT-IDENTIFIER: US 4954781 A

TITLE: Nuclear magnetic resonance imaging apparatus with reduced acoustic noise

DATE-ISSUED: September 4, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirata; Haruhiko	Yokohama			JP

US-CL-CURRENT: 324/318; 324/300, 335/219

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D

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Term	Documents
GRADIENT	278868
GRADIENTS	68611
COIL	1234689
COILS	409474
(10 AND (GRADIENT WITH COIL)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	8
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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6441614 B1

L47: Entry 1 of 2 File: USPT Aug 27, 2002

US-PAT-NO: 6441614
DOCUMENT-IDENTIFIER: US 6441614 B1

TITLE: Filler material for magnet resonant system self-shielded gradient coil assemblies

DATE-ISSUED: August 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Edelstein; William Alan	Schenectady	NY		
Hedeen; Robert Arvin	Clifton Park	NY		
Mantone; Anthony	Brookfield	WI		

US-CL-CURRENT: 324/318; 324/307, 324/309, 324/320, 324/322

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw D

☐ 2. Document ID: US 5570021 A

L47: Entry 2 of 2 File: USPT Oct 29, 1996

US-PAT-NO: 5570021
DOCUMENT-IDENTIFIER: US 5570021 A

TITLE: MR gradient set coil support assembly

DATE-ISSUED: October 29, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dachniwskyj; Roman I.	Pewaukee	WI		
Dean; David E.	Florence	SC		
Ebben; Thomas G.	Sullivan	WI		
Frederick; Perry S.	Waukesha	WI		
Jenders; Donald J.	Brookfield	WI		
Radziun; Michael J.	Waterford	WI		

Sue; Peter L. Florence SC

US-CL-CURRENT: 324/318

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw. D

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Term	Documents
GRADIENT	278868
GRADIENTS	68611
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